Amendments to the Specification:

Please replace the last line on page 125 and lines 1-13 on page 126 of the Specification with the following:

Example 1. FIGS. 44A-C exemplify the application of the cell rearrangement $X_{(3\ 2\ 1)}$ on stage 2 **(44011)** of the 16x16 baseline network [*id :* (1 2 3 4): (2 3 4): (3 4): *id*] **44010** of FIG. 44A; network **44020** of FIG. 44B is the rearranged network before simplifying the pictorial display of the exchanges. The cell rearrangement relocates a stage-2 cell from the generic address binary($b_1b_2b_3$) to the new address binary($b_2b_3b_1$). In other words, the exchange $X_{(1\ 2\ 3\ 4)}$ **(44012)** of FIG. 44A immediately before stage 2 is multiplied by $X_{(3\ 2\ 1)}$ **(44021)** of FIG. 44B from the right-hand side to yield the resulting exchange $X_{(3\ 4)}$ **(44031)** of FIG. ~~G1C~~44C, while the exchange $X_{(2\ 3\ 4)}$ **(44013)** of FIG. 44A immediately after stage 2 is multiplied by $X_{(1\ 2\ 3)}$ **(44022)** of FIG. 44B, i.e., the inverse of $X_{(3\ 2\ 1)}$, from the left-hand side to yield the resulting exchange $X_{(4\ 2)(3\ 1)}$ **(44032)** of FIG. 44C.

The cell rearrangement results the network **44030** having a simplified graphical representation:

$$[id\text{: } (1\ 2\ 3\ 4)(3\ 2\ 1)\text{: } (1\ 2\ 3)(2\ 3\ 4)\text{: } (3\ 4)\text{: } id]$$
$$= [id\text{: } (4\ 3)\text{: } (4\ 2)(3\ 1)\text{: } (4\ 3)\text{: } id]$$